

IN THE CLAIMS:

1. (Currently Amended) A method of modifying data in an encoded data signal comprising :
 - a) a decoding step for decoding said encoded data signal and providing a decoded data signal,
 - b) a re-encoding step performed on a modified data signal and generating a coding error,
 - c) a prediction step for providing a motion-compensated signal from said coding error and comprising at least a subtracting sub-step between an input data signal obtained at least from said decoded data signal and said motion-compensated signal for obtaining said modified data signal,
~~characterized in that it comprises~~
 - d) a first sub-step for adding an additional data signal to said decoded data signal, for providing said input data signal,
 - e) a second sub-step for adding said additional data signal to said coding error, said motion-compensated signal resulting from the motion compensation of the output signal of said second adding sub-step.
2. (Cancelled).
3. (Currently Amended) A transcoding device for adding data to an encoded data signal, comprising:
 - a) decoding means for decoding said encoded data signal and providing a decoded data signal,
 - b) re-encoding means acting on a modified data signal and generating a coding error

c) prediction means for providing a motion-compensated signal from said coding error, and comprising at least subtracting means acting on an input data signal obtained at least from said decoded data signal and said motion-compensated signal, for obtaining said modified data signal,

~~characterized in that it comprises:~~

- d) a first means for adding an additional data signal to said decoded data signal, for providing said input data signal,
- e) a second means for adding said additional data signal to said coding error, said motion-compensated signal resulting from the motion compensation of the output signal of said second means.

4. (Currently Amended) A transcoding device for adding data to an encoded data signal, comprising :

- a) decoding means for decoding said encoded data signal and providing a decoded data signal,
- b) re-encoding means acting on a modified data signal and generating a coding error,
- c) prediction means for providing a motion-compensated signal from said coding error and comprising at least subtracting means acting on an input data signal obtained at least from said decoded data signal and said motion-compensated signal for obtaining said modified data signal,

~~characterized in that it comprises~~ means for adding an additional data signal to said modified data signal, before the re-encoding means.

5. (Original) A computer program product for a transcoding device for adding data to an encoded data signal, comprising a set of instructions which, when loaded into said device, causes said device to carry out the method as claimed in claim 1.

6. (Cancelled).